

Converting Colors

Hex(2A260F)

Have a look what the booklet for
Hex(2A260F) contains.

Hex(2A260F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A260F)

Conversions

Conversions Part 1

Format	Color
Hex	2A260F
RGB	42, 38, 15
RGB Percent	16%, 15%, 6%
CMY	0.8353, 0.8510, 0.9412
CMYK	0.00, 0.10, 0.64, 0.84
HSL	51°, 47%, 11%
HSV	51°, 64%, 16%
XYZ	1.7342, 1.9130, 0.7298
YIQ	36.5740, 9.7670, -6.3050

Conversions

Conversions Part 2

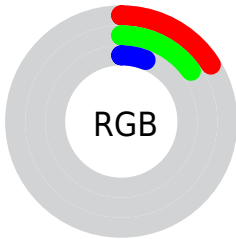
Format	Color
RYB	20, 42, 15
Decimal	2762255
CIELab	15.02, -2.09, 15.46
CIELCh	15, 15.606, 97.706
Yxy	1.9130, 0.3962, 0.4371
Android (android.graphics.Color)	4280952335 (0xFF2A260F)
YUV	36.5740, -10.6360, 4.7586
Hunter-Lab	13.8310, -1.8231, 6.5533

Details

The Hex color **2A260F** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F132A**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **58533A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A250B**, and if you desaturate by 10%, it is **2A2713**.

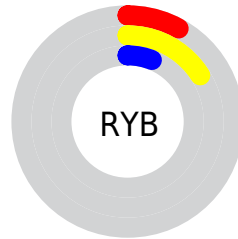
Distribution



Red (16%)

Green (15%)

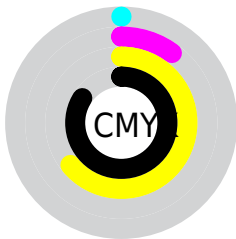
Blue (6%)



Red (8%)

Yellow (16%)

Blue (6%)

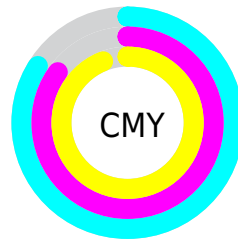


Cyan (0%)

Magenta (10%)

Yellow (64%)

Black (84%)



Cyan (84%)

Magenta (85%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A260F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2A260F by changing the saturation by 10% instead.

■ 2A260F

■ 2A260F

■ FFFFEF

■ 141100

■ 58533A

■ 000000

■ 716B51

■ 8B8469

■ A59E82

■ C0B99C

■ DCD5B7

■ F9F1D3

■ 2A260F

■ 2A260F

■ 2A250B

■ 2A2713

■ 2A2507

■ 2A2717

■ 2A2402

■ 2A281C

■ 2A2400

■ 2A2820

■ 2A2924

■ 2A2A28

■ 2A2A2C

■ 2A2B31

■ 2A2C35

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



332211



2A260F



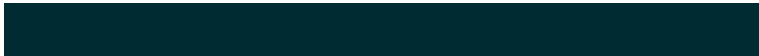
1E2914

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A260F



002B33



361E2E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2A260F



0F132A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



2B2237



2A260F



03293A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2A260F



002B28



1A263B



3B1D23

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2A260F



152A1A



1A263B



331F32

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2A260F



36342B



2A0F13



1C1B16



9C9C9C



1C1C1C

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2A260F



362F0C



212A0F



141412



544800



D4B400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



0F132A



0C1236



180F2A



121314



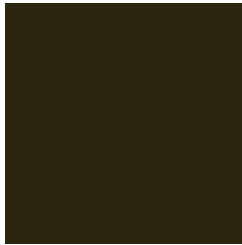
000C54



001FD4

Previews

White Background



This preview shows how the Hex color 2A260F looks on a white background.

Color Contrast Check

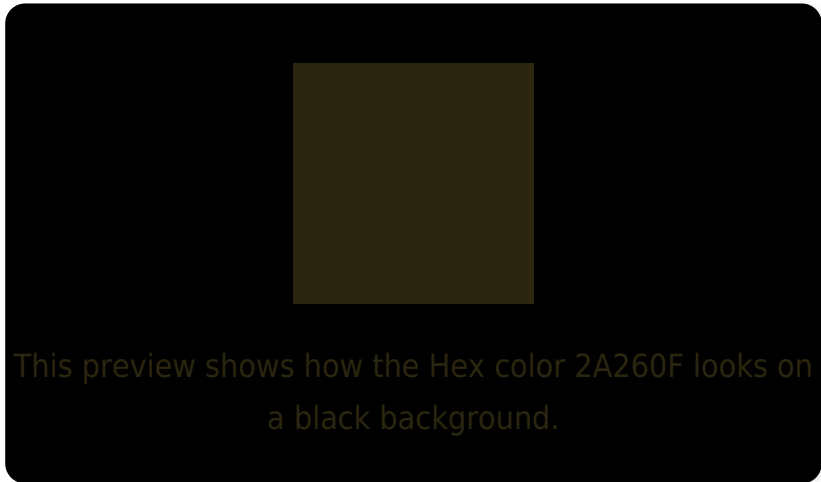
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

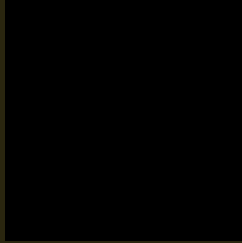
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2A260F Background



This preview shows how black text looks on a background with the Hex color 2A260F.

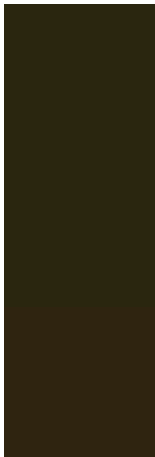


This preview shows how white text looks on a background with the Hex color 2A260F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

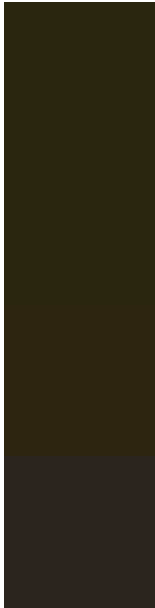


Original Color
2A260F

Protanopia
2A260F

Deuteranopia
2F2410

Trichromacy



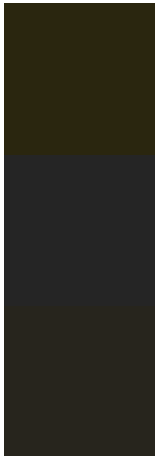
Original Color
2A260F

Protanomaly
2A260F

Deuteranomaly
2D2510

Tritanomaly
2B251E

Monochromacy



Original Color
2A260F

Achromatopsia
252525

Achromatomaly
27251D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A260F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2A260F looks like.

```
.text, #text, p{  
    color:#2A260F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2A260F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A260F
}
```

Border

The CSS property to change the border of an element to Hex 2A260F is called "border". The border property can be set on classes, ids or directly on the HTML element.

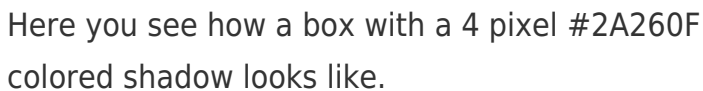
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A260F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2A260F }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #2A260F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A260F; -webkit-box-shadow:4px 4px  
4px 4px #2A260F; box-shadow:4px 4px 4px  
4px #2A260F }
```

Background

The CSS property to change the background color of an element to Hex 2A260F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A260F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2A260F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor